

Missouri Water Resources Center

Missouri Rivers and Streams Flood
Conditions Report

June 24, 2024



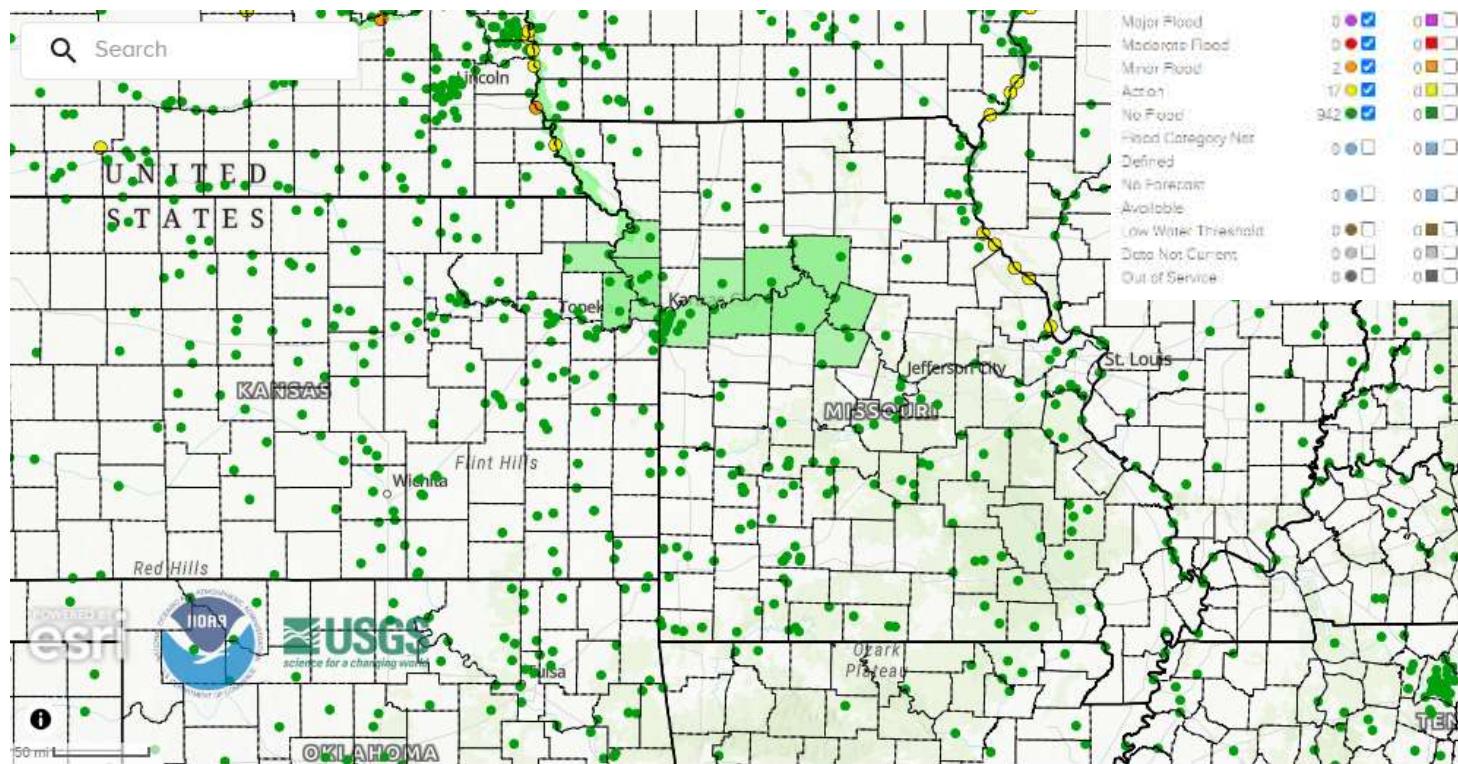


Missouri River Flooding Status

- Moderate flooding is forecasted on a few Missouri river gages. These gages include the following: Missouri River at Glasgow, Missouri River at St. Joseph, Missouri River at Rulo, Missouri River at Brownville, and Missouri River at Nebraska City.
- Gavins Point inflows peaked at 40,000 cubic feet per second early Sunday. Current releases from Gavins Point are 24,000 cubic feet per second.
- The current flooding is primarily caused by rainfall in the Upper Missouri River Basin. According to the Last 7-Day Observed Precipitation product, parts of South Dakota and Nebraska received 5.0-15.0 inches of precipitation. Northwestern Missouri also received 0.25-5.0 inches of precipitation.
- According to the Quantitative Precipitation Forecast, over the next seven days northern Missouri could receive 1.75-4.0 inches of precipitation.
- River forecasts are currently only considering past precipitation and the precipitation amounts expected approximately 24 hours into the future from the forecast issuance time.



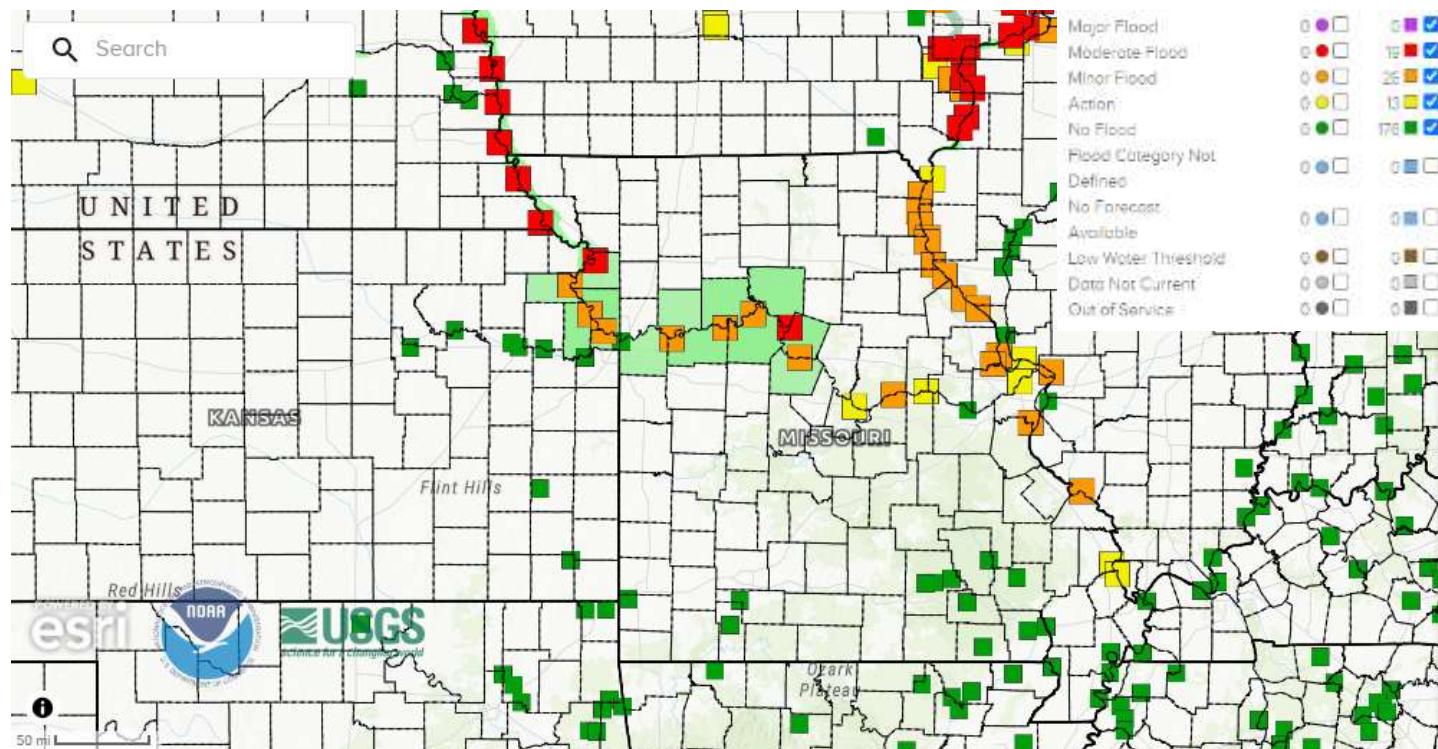
Current River and Stream Conditions





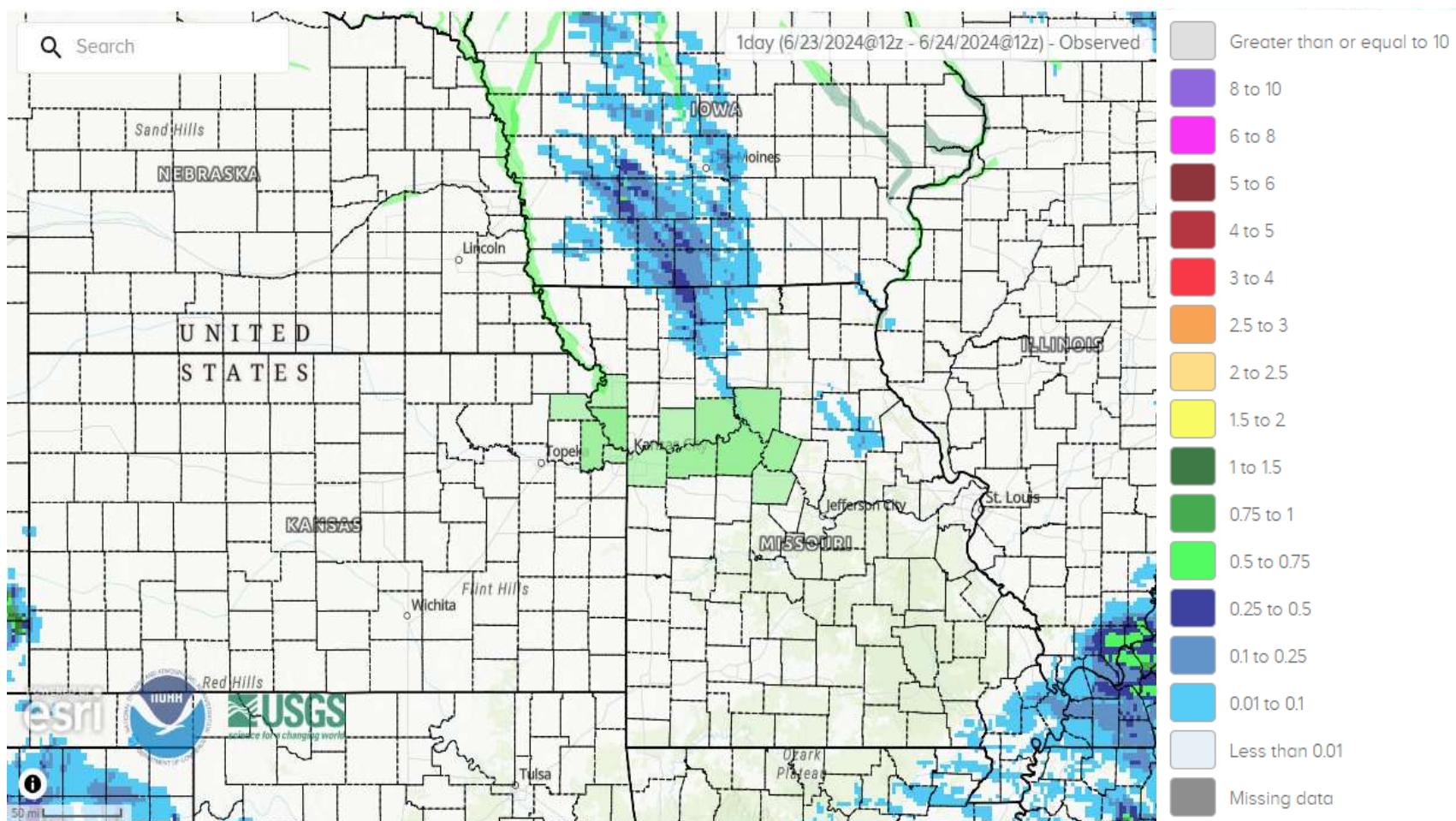
River Forecast Conditions

(Maximum for Entire Period 1-13 Days)



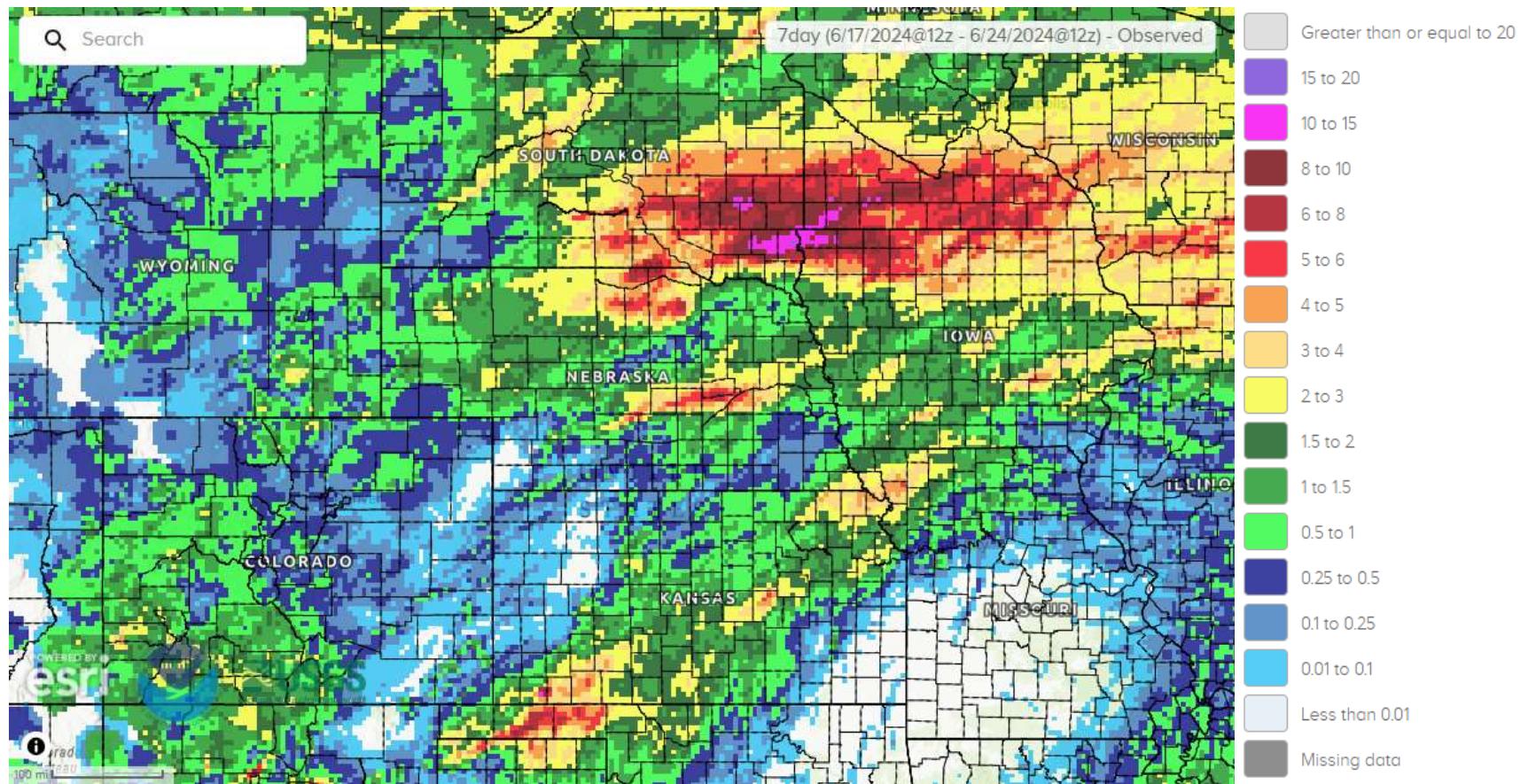


One-Day Observed Precipitation



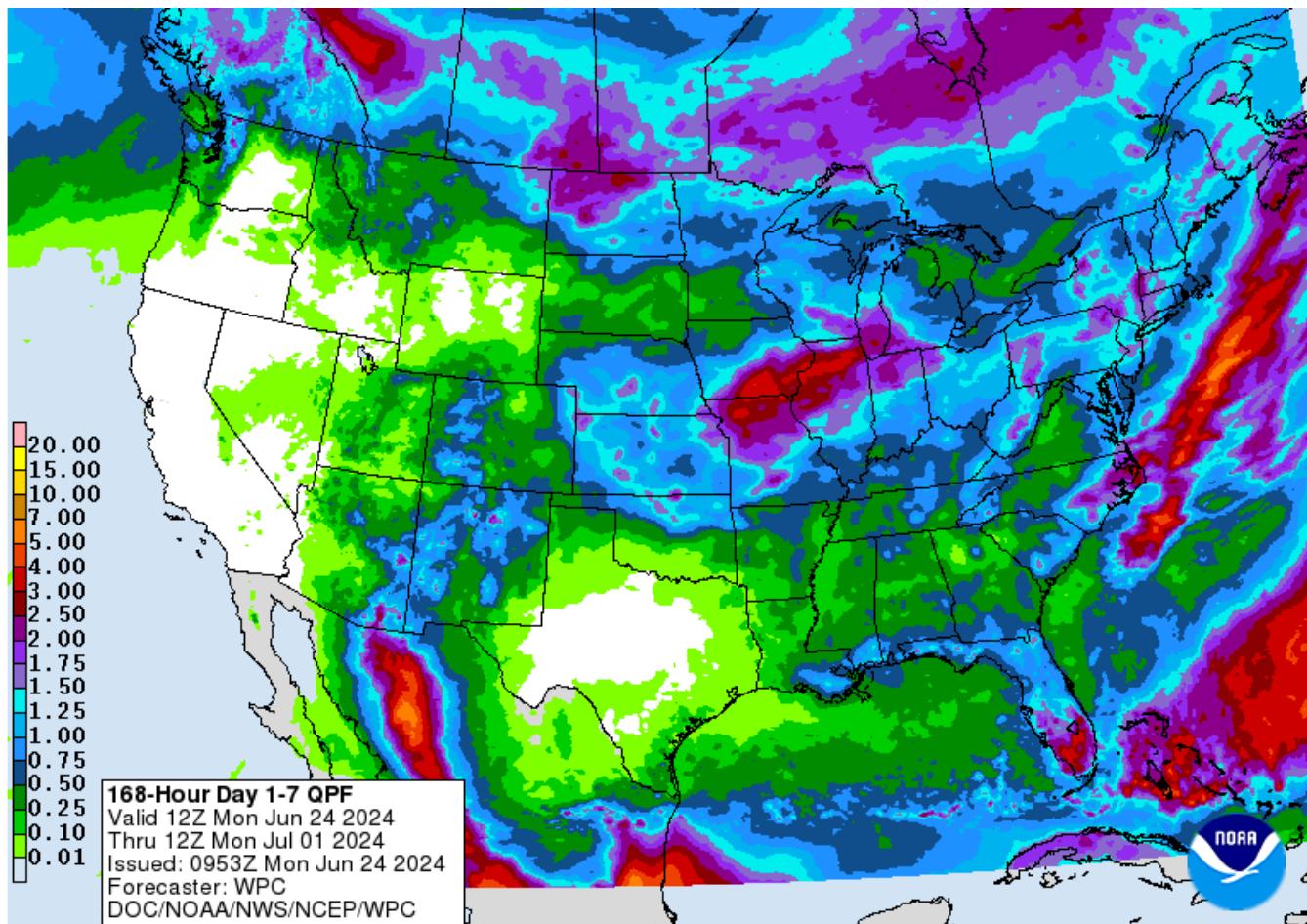


Seven-day Observed Precipitation





Seven-day Precipitation Forecast



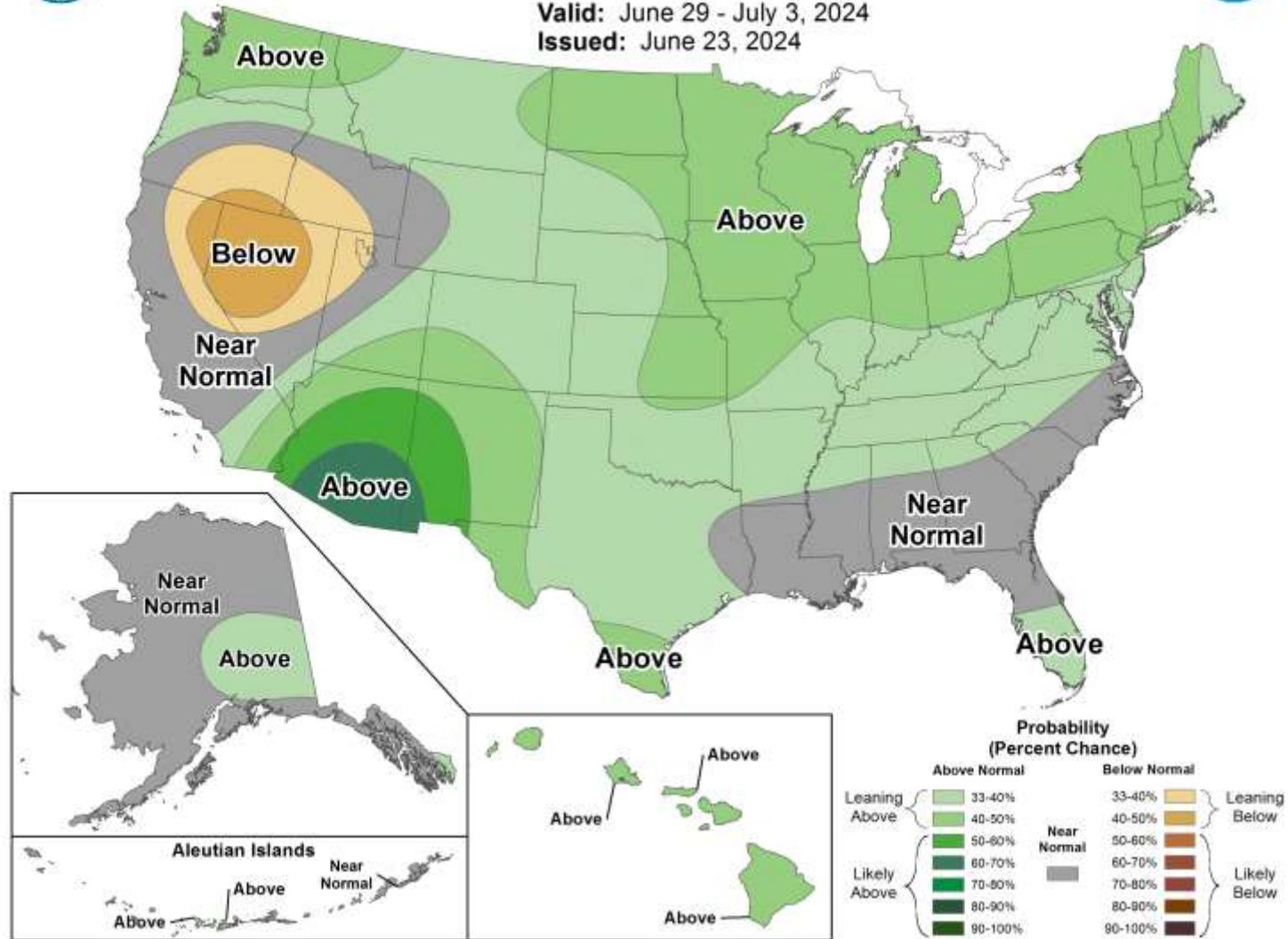


6-10 Day Precipitation Outlook



Valid: June 29 - July 3, 2024

Issued: June 23, 2024

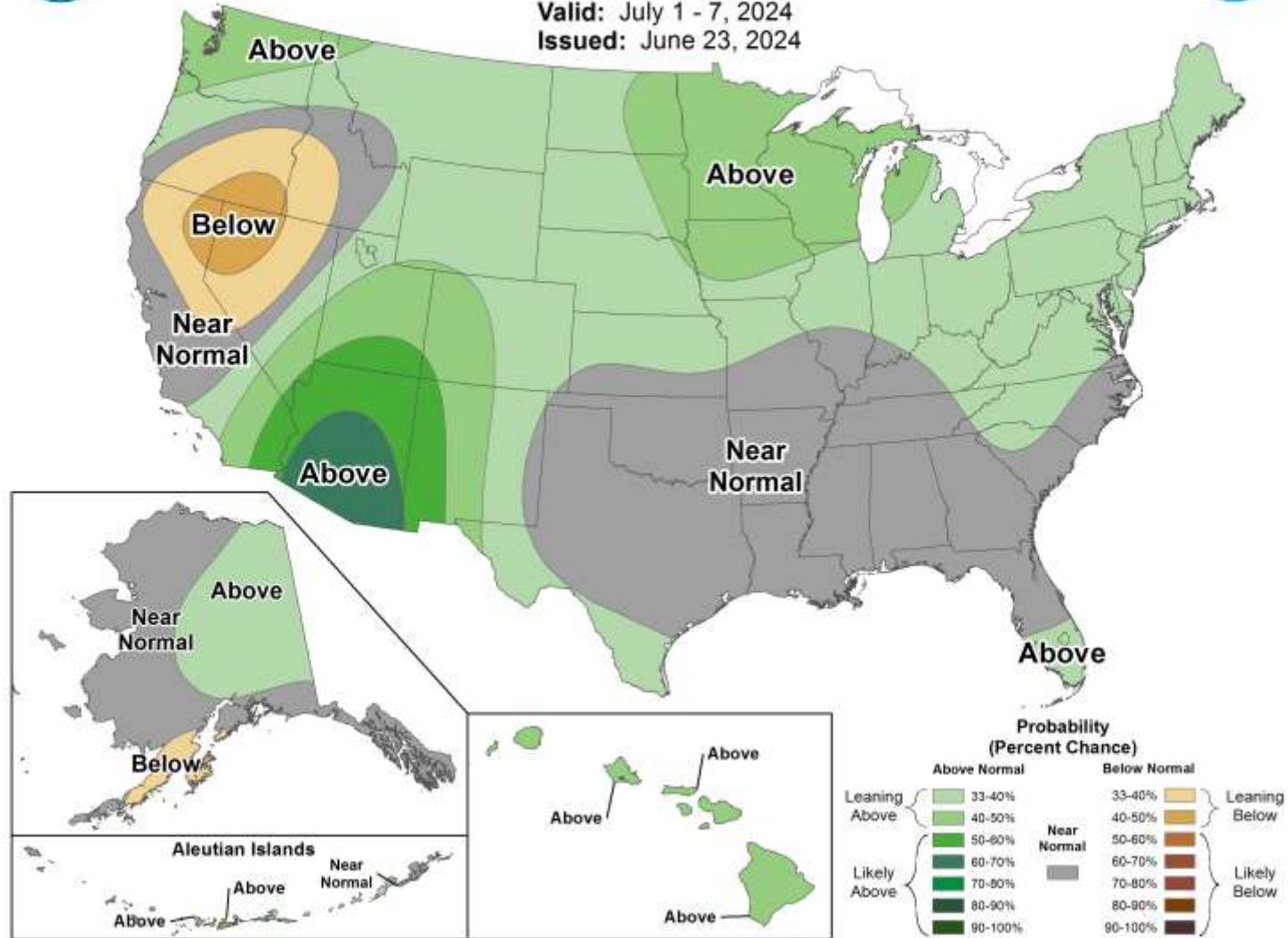


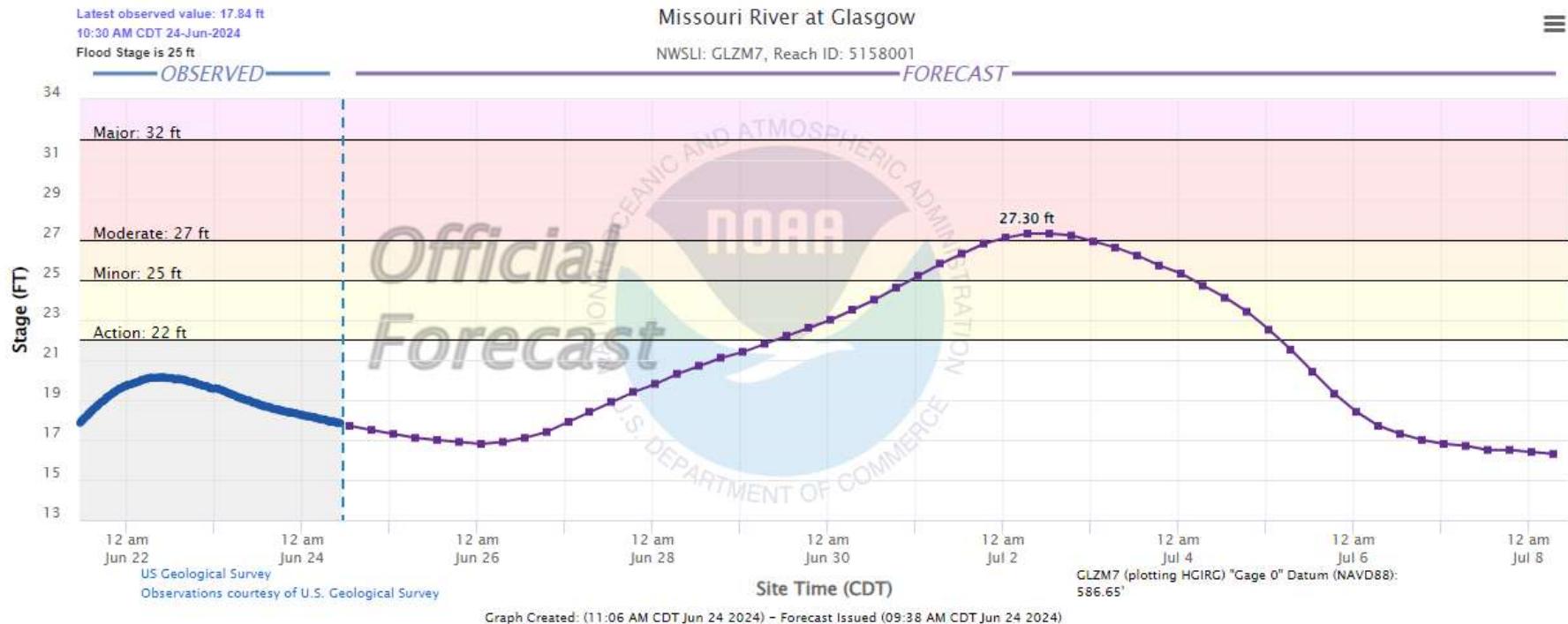


8-14 Day Precipitation Outlook

Valid: July 1 - 7, 2024

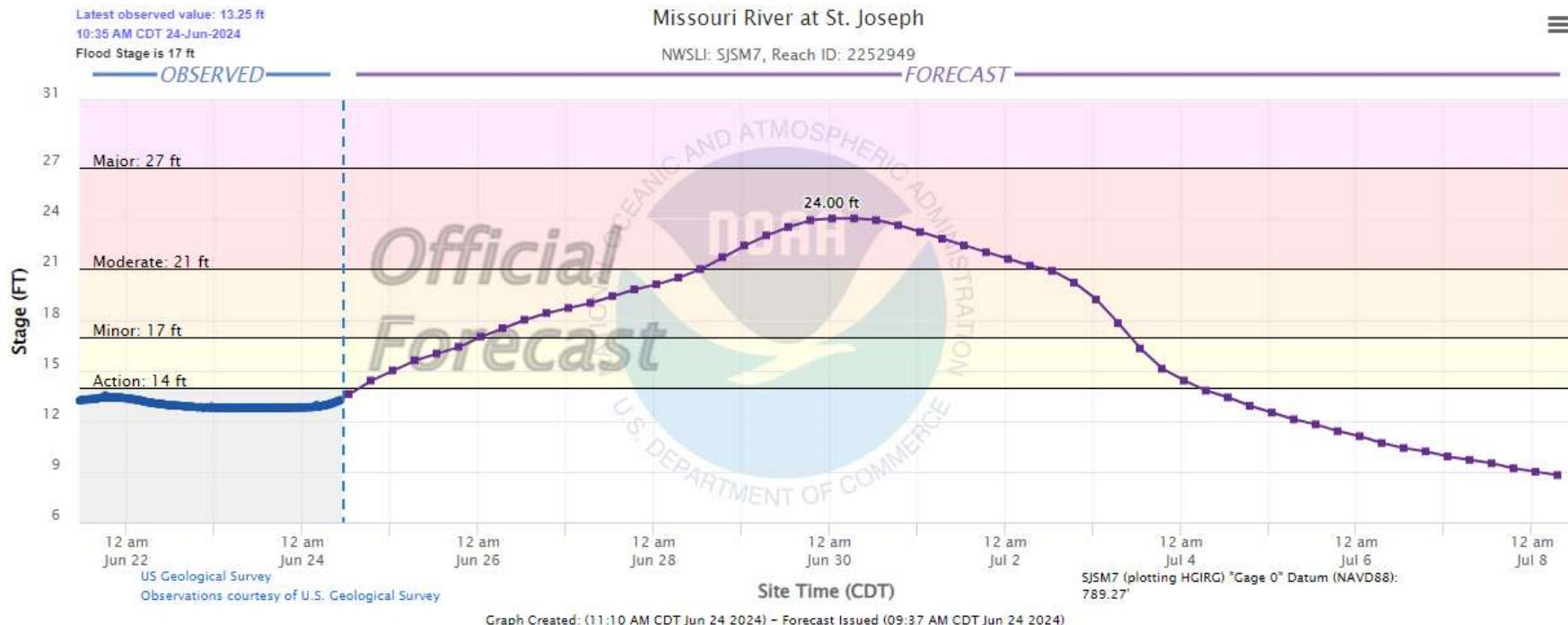
Issued: June 23, 2024





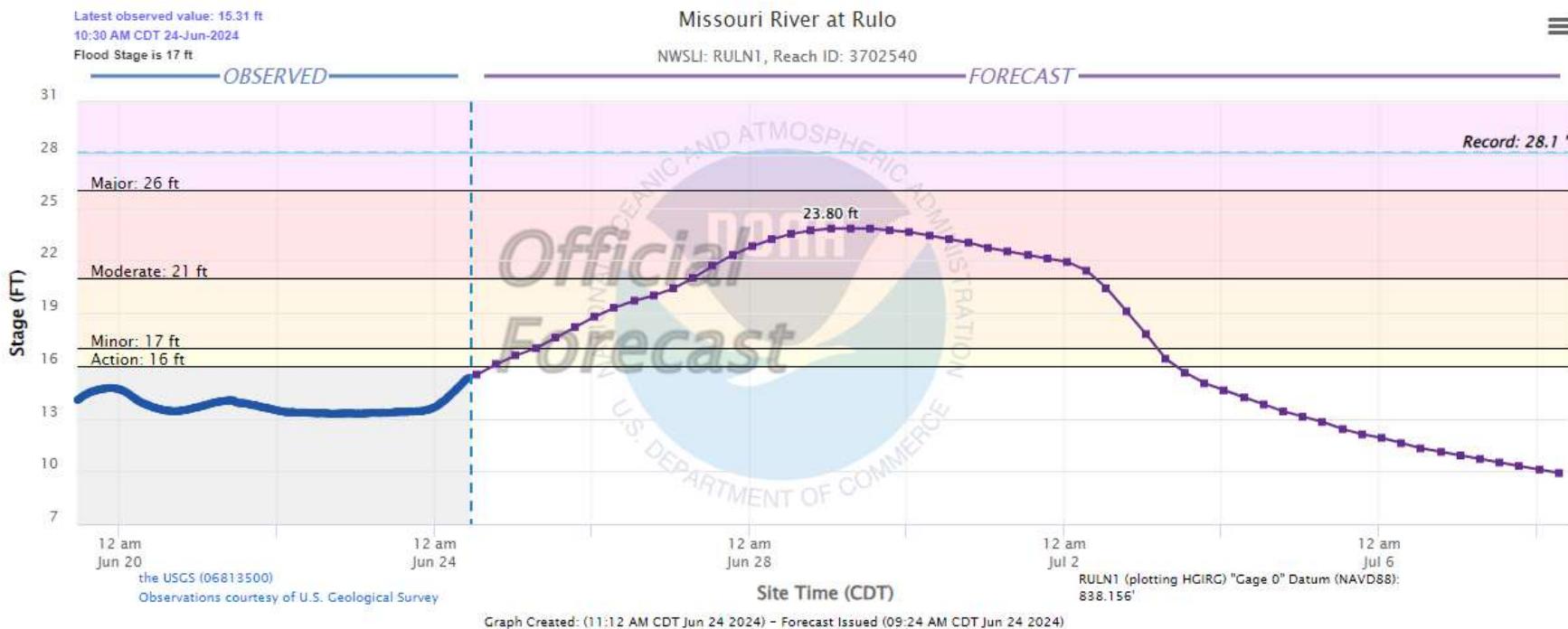
- The Missouri River at Glasgow is at 17.84 ft and expected to crest at 27.30 ft in Moderate Flood Stage early morning on July 2, 2024.
- Moderate Flood Stage occurs at 27 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/GLZM7>





- The Missouri River at St. Joseph is at 13.25 ft and expected to crest at 24.0 ft in Moderate Flood Stage early morning June 30, 2024.
- Moderate Flood Stage occurs at 21 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/SJSM7>





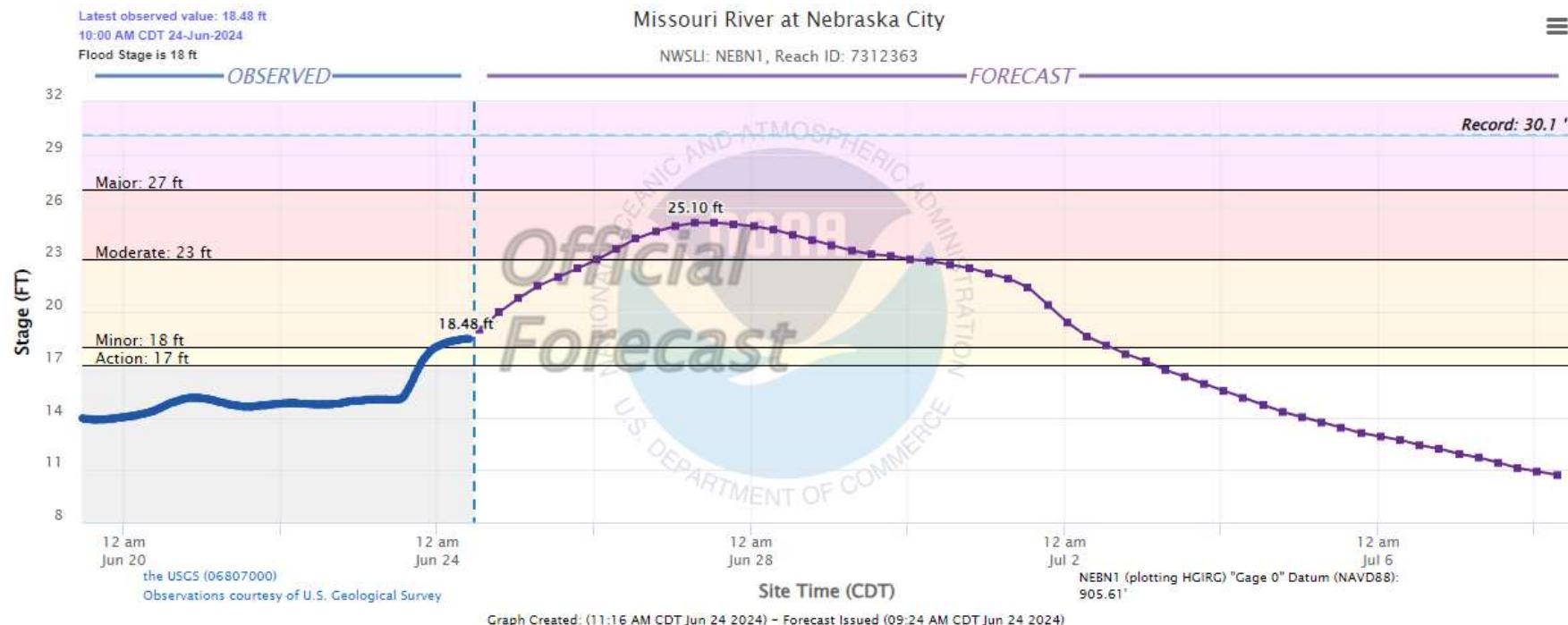
- The Missouri River at Rulo is at 15.31 ft and expected to crest at 23.80 ft in Moderate Flood Stage early morning June 29, 2024.
- Moderate Flood Stage occurs at 21 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/RULN1>





- The Missouri River at Brownville is at 33.48 ft and expected to crest at 42.50 ft in Moderate Flood Stage midday June 28, 2024.
- Moderate Flood Stage occurs at 38.5 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/BRON1>





- The Missouri River at Nebraska City is at 18.48 ft and expected to crest at 25.10 ft in Moderate Flood Stage early morning June 27, 2024.
- Moderate Flood Stage occurs at 23 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/NEBN1>



Resources for Further Information

- Department of Natural Resources Flood Page:
<https://dnr.mo.gov/water/hows-water/state-water/flooding>
- Missouri Water Resources Center – Missouri River Informational Page: <https://dnr.mo.gov/water/hows-water/state-water/surface-water/interstate-waters>
- Missouri River-At-A-Glance: [Advanced Hydrologic Prediction Service | National Weather Service](https://www.weather.gov/nash/ahps)
- Mississippi River-At-A-Glance: [Advanced Hydrologic Prediction Service | National Weather Service](https://www.weather.gov/nash/ahps)

